



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	4239-62279
Application Number	10/070,675
Filing Date	March 6, 2002
First Named Inventor	Waynant
Art Unit	2881
Examiner Name	Bernard E. Souw

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
<i>Not considered</i>		5,371,368	12/6/94	Alfano et al.
		5,625,458	4/29/97	Alfano et al.
		5,644,429	7/1/97	Alfano et al.
		5,710,429	1/20/98	Alfano et al.
		5,719,399	2/17/98	Alfano et al.
		5,813,988	9/29/98	Alfano et al.
		5,847,394	12/8/98	Alfano et al.
		5,931,789	8/3/99	Alfano et al.
		6,208,886	3/27/01	Alfano et al.
		6,215,587	4/10/01	Alfano et al.

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## FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Country
<i>Not</i>		WO 97/18487	5/22/97	WIPO
<i>considered</i>				

## OTHER DOCUMENTS

EXAMINER SIGNATURE: *Bernard Souw*

DATE CONSIDERED: *not considered 09/22/04*

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.



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<i>Not considered</i>	E. A. McLean et al., "Short-pulse range-gated optical imaging in turbid water", <i>Appl. Opt.</i> 34:4343-4351 (July 20, 1995).

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EXAMINER SIGNATURE: <i>Bernard Souw</i>	DATE CONSIDERED: <i>not considered 09/22/07</i>
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				Filed: Herewith		Art Unit: _____	
U.S. PATENT DOCUMENTS							
Init.*		Number	Date	Name	Class	Sub	Filed
BES		3,864,643	2/4/1975	Waynant			
BES		3,956,711	5/11/1976	Waynant			
BES		3,991,387	11/9/1976	Waynant			
BES		5,275,168	1/4/1994	Reintjes et al.			
BES		5,418,797	5/23/1995	Bashkansky et al.			
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		Number	Date	Country	Class	Sub	
BES		0 446 028 A2	11.09.91	EPC			
OTHER DOCUMENTS							
BES			Database WPI, Section EI, Week 199418, Derwent Publications Ltd., London, GB, AN 1994-150804 & US 8 083 580 A (US Dept. of Navy) 1194.				
BES			Barty et al., "Multiterawatt 30-fs Ti:sapphire Laser System," <i>Opt. Lett.</i> 19:1442-1444 (1994).				
BES			Barty et al., "Ultrafast, Laser-Generated, X-Ray Radiography," <i>Tuesday Morning, CLEO</i> , pg.73 (1996).				
BES			Barty et al., "Time-Gated Medical Imaging With Ultrafast Laser Plasma X-Rays," <i>SPIE</i> 2523:286-298 (1995).				
EXAMINER: <i>Bernard Souw</i>				DATE <i>09/22/04</i>			
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OTHER DOCUMENTS				
BES			Barty et al., "Applications of a 30-fs Multiterawatt Laser (A): Generation and Time-Gated Imaging of Laser-Produced X-Rays for Medical Applications," <i>Laser Interaction and Related Plasma Phenomena</i> , 12 <sup>th</sup> International Conference, pp. 672-677 (1996).	
BES			Bell et al., "Electrical Characteristics of Short Pulse Gated Microchannel Plate Detectors," <i>Rev. Sci. Instrum.</i> 63:5072-5074 (1992).	
BES			Carruthers in <i>Optical and Electro-Optical Engineering Series</i> , Waynant et al. (eds.), McGraw Hill, pp. 15.1-15.39 and 18.8-18.11 (1993).	
BES			Ehrlich et al., "Guiding of High Intensity Laser Pulses in Straight and Curved Plasma Channel Experiments," <i>Phys. Rev. Lett.</i> 77:4186-4189 (1996).	
BES			Gordon III et al., "Time-Gated Imaging with an Ultrashort-Pulse, Laser-Produced-Plasma X-Ray Source," <i>Opt. Lett.</i> 20:1056-1058 (1995).	
BES			Grätz et al., "Time-Gated Imaging in Radiology: Theoretical and Experimental Studies," <i>J. Selected Topics in Quantum Electron.</i> 2:1041-1048 (1996).	
BES			Hooker, "Light at the End of the Tunnel?," <i>Opt. Photonics News</i> , pp. 21-25 (1997).	
BES			Jennings et al., "Evaluation of X-Ray, Sources for Mammography,"	
BES			Kaganovich et al., "Investigations of Double Capillary Discharge Scheme for Production of Wave Guide in Plasma," <i>Appl. Phys. Lett.</i> 71:2925-2927 (1997).	
EXAMINER: <u>Bernard Souw</u>			DATE <u>02/22/04</u>	
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OTHER DOCUMENTS					
BES			Kasapi et al., "Electromagnetically Induced Transparency: Propagation Dynamics," <i>Phys. Rev. Lett.</i> 74:2447-2450 (1995).		
BES			Korobkin et al., "Demonstration of Soft X-Ray Lasing to Ground State in Li III," <i>Phys. Rev. Lett.</i> 77:5206-5209 (1996).		
BES			Lemoff et al., "Generation of High-Peak-Power 20-fs Pulses from a Regeneratively Initiated, Self-Mode-Locked Ti:sapphire Laser," <i>Opt. Lett.</i> 17:1367-1369 (1992).		
BES			Mourou et al., "Ultrahigh-Intensity Lasers: Physics of the Extreme on a Tabletop," <i>Physics Today</i> , pp. 22-28 (1998).		
BES			Nagata et al., "Soft-X-Ray Amplification of the Lyman- $\alpha$ Transition by Optical-Field-Induced Ionization," <i>Phys. Rev. Lett.</i> 71:3774-3777 (1993).		
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EXAMINER:		Bernard Souw		DATE 07/22/04	
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